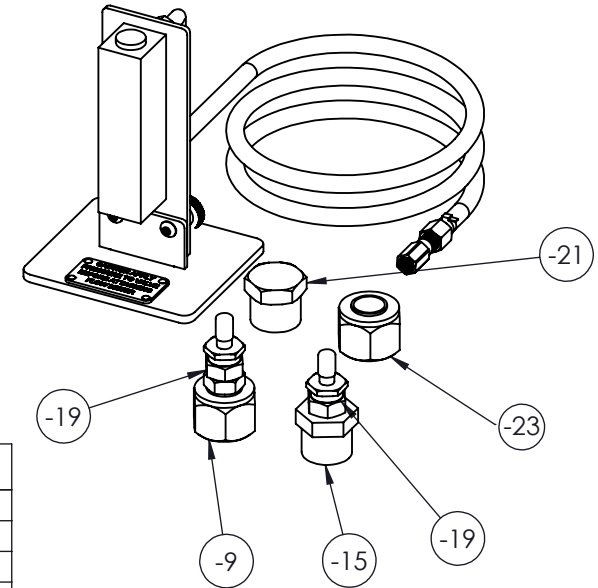
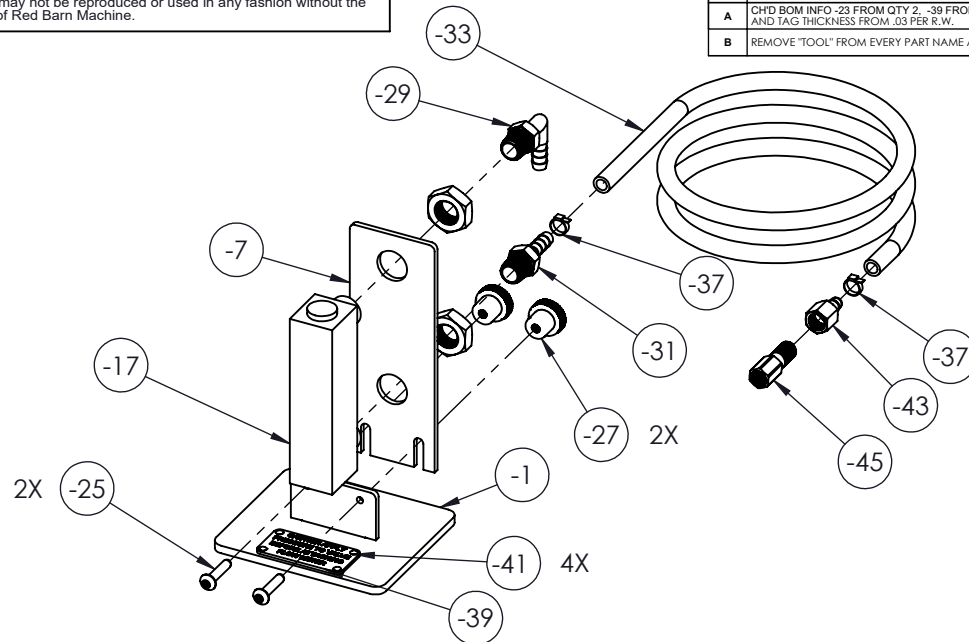


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CHD BOM INFO -23 FROM QTY 2, -39 FROM VINYL, ADDED -5 MISSING .625 DIMENSION. CHD -39 NOTE FROM YELLOW TAG WITH BLACK LETTERING AND TAG THICKNESS FROM .03 PER R.W.	4/4/2012	RJC	SE
B	REMOVE "TOOL" FROM EVERY PART NAME AND DRAWING	10/2/2020	SAD	HB ECN20-85



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NOTE: USE THREAD LOCKER ON 2 SCREWS (-25).

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WELDMENT			2
			-3	1	BASE	6061	3/16 X 4-1/8 X 3-5/8	
			-5	1	WELD UPRIGHT	6061	1/8 X 1-3/8 X 2-1/8	
			-7	1	MOUNT PLATE	6061	1/8 X 5-5/8 X 2-1/8	5
X			-9	1	CAP WELDMENT			6
1			-11		CAP	S.S.	MS21914-12J (MODIFIED)	7
1		B/O	-13		HEX NUT	STEEL	1/2-20 MCMaster-CARR #9049A233	6
			-15	1	PLUG	S.S.	MS21913-12J (MODIFIED)	8
		B/O	-17	1	FLOW METER		KING INSTRUMENT #75201102C13 W/SCFM SCALE FOR AIR SERVICE & 5 POINT CALIBRATION	1
		B/O	-19	2	SCHRADER VALVE		SPENCER AIRCRAFT #MS28889-2	1
		B/O	-21	1	PLUG	S.S.	MS21913-12J	1
		B/O	-23	1	CAP	S.S.	MS21914-12J	1
		B/O	-25	2	SCREW	S.S.	#10-24 X 7/8 MCMaster-CARR #92949A246	1
		B/O	-27	2	KNOB	S.S.	#10-24 MCMaster-CARR #60205K211	1
		B/O	-29	1	BARBED HOSE FITTING	NYLON	1/4 NPT MCMaster-CARR #5372K312	1
		B/O	-31	1	BARBED HOSE FITTING	NYLON	1/4 NPT MCMaster-CARR #5372K112	1
		B/O	-33	1	TUBING	TYGON PVC	Ø1/4 ID X 3/8 OD X 3'-6" MCMaster-CARR #5894K34	1
		B/O	-35	1	PISTOL CASE	PLASTIC	RSR SPORTS #GG10137	NS
		B/O	-37	2	CABLE TIE	NYLON	MCMaster-CARR #7345K21	1
		B/O	-39	1	I.D. TAG	PLASTIC	JOHNSON PLASTIC LM922402 OR EQUIV	9
		B/O	-41	4	#2 DRIVE SCREW	COATED STEEL	3/16 LG MCMaster-CARR 90081A076	1
		B/O	-43	1	ADAPTER	BRASS	1/8 NPT MCMaster-CARR #44555K124	1
		B/O	-45	1	CHARGING CHUCK		HYDRO FITTING #HF300-5007-2014	1
ASSY -9	ASSY -1							



RED BARN MACHINE

CHECK VALVE TESTER

DWG NO.

RBW2620V00251-3G

REV

B

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS
.XXX ± .005
.XX ± .01
.X ± .1
FRACTIONS ± 1/32
ANGLES ± 5°

DRAWN BY: **SAD**
APPROVED
HEAT TREAT
FINISH
SPEC

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

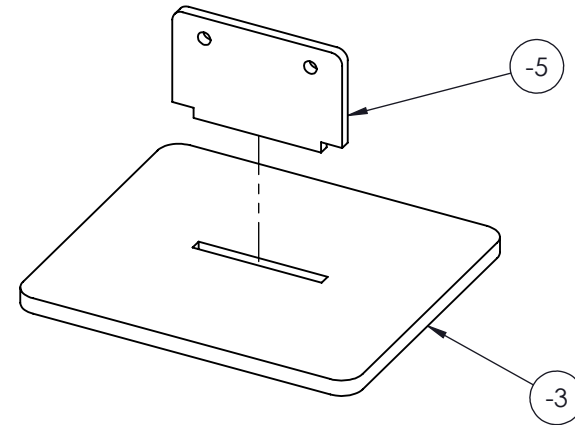
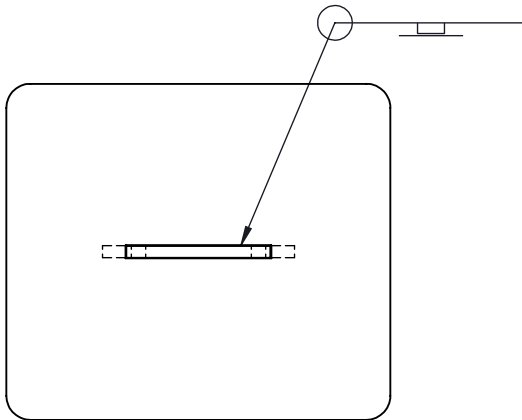
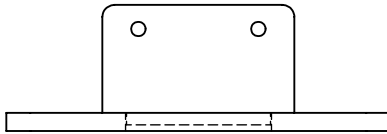
USED ON MODEL
AW139

SCALE **1:4**

DATE **10/02/2020**

SHEET **1 OF 9**


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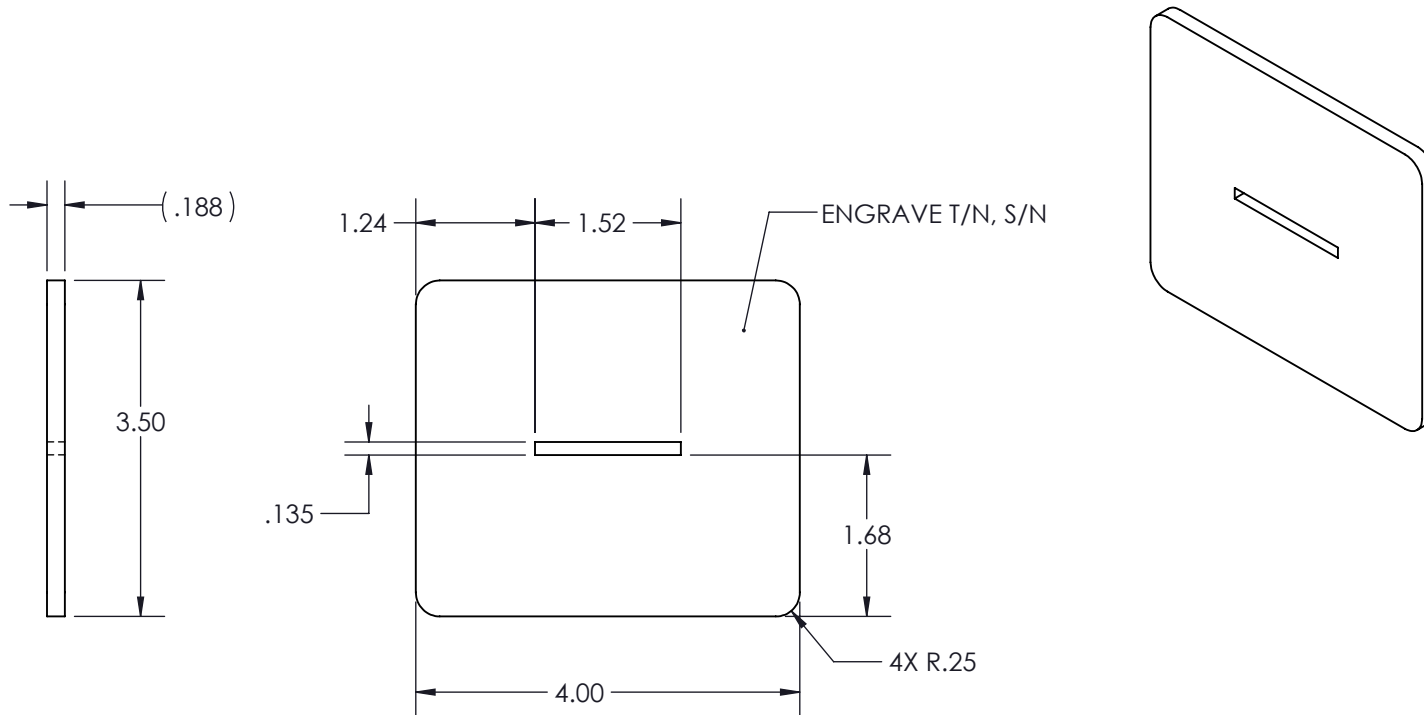
-1

WELDMENT

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 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-1	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: SAD APPROVED HEAT TREAT FINISH ANODIZE RED SPEC MIL-A-8625F, TYPE II, CLASS II USED ON MODEL AW139	
SCALE 1:2	DATE 10/02/2020
SHEET 2 OF 9	

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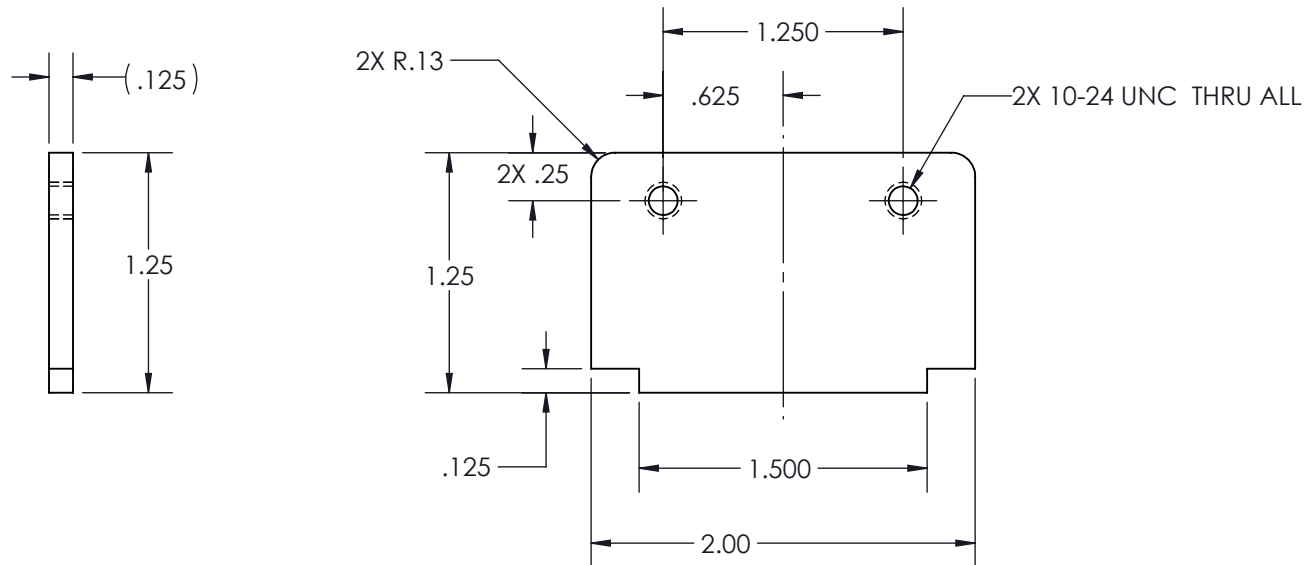


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③
BASE

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-3	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: SAD APPROVED HEAT TREAT FINISH SPEC USED ON MODEL AW139	
SCALE 1:2	DATE 10/02/2020
SHEET 3 OF 9	

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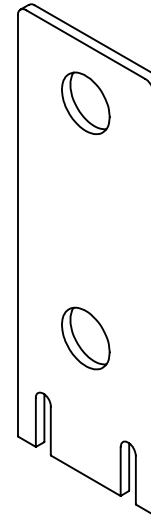
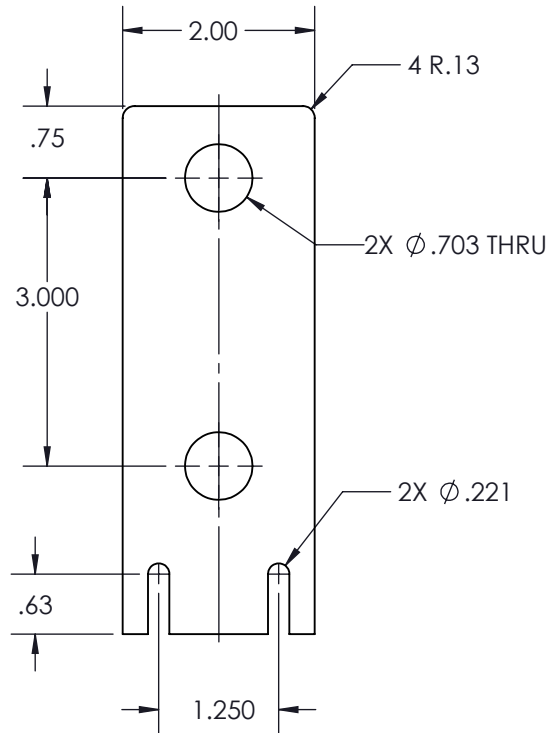
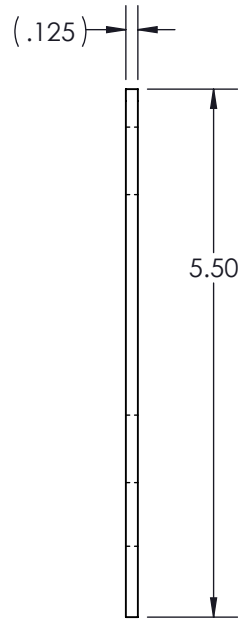
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(-5)

WELD UPRIGHT

 RED BARN MACHINE		
TITLE CHECK VALVE TESTER		
DWG NO. RBW2620V00251-3G-5	REV B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°		DRAWN BY: SAD APPROVED HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW139
SCALE 1:1	DATE 10/02/2020	SHEET 4 OF 9

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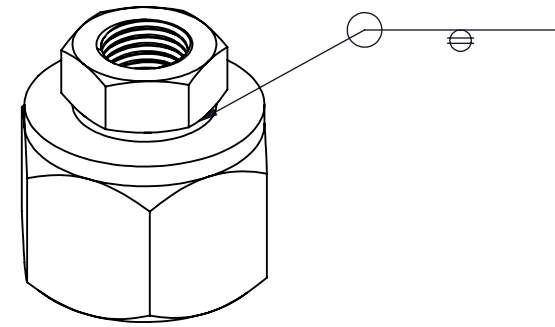
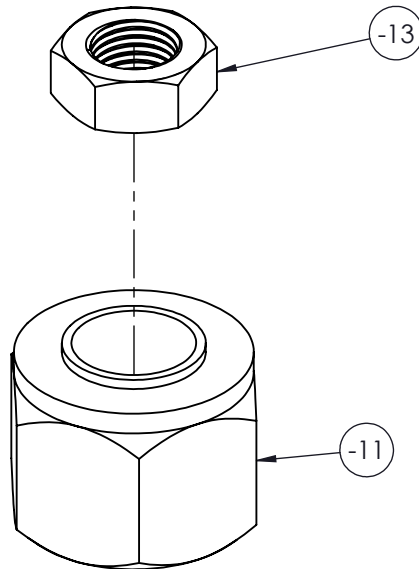


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(-7)
MOUNT PLATE

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-7	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: SAD APPROVED HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:2	DATE 10/02/2020
SHEET 5 OF 9	

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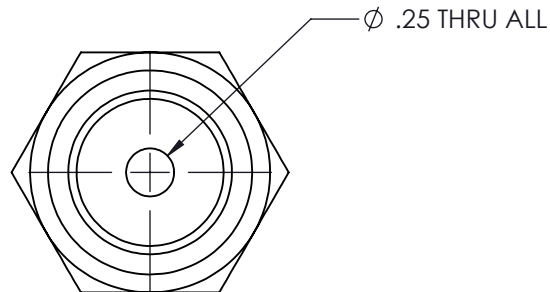
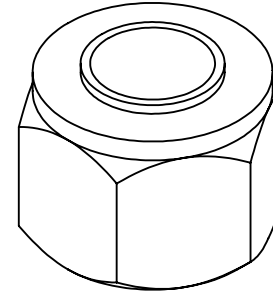
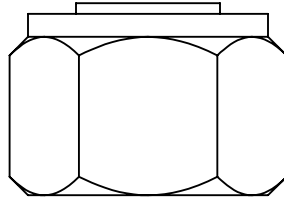


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-9
CAP WELDMENT

 RED BARN MACHINE		
TITLE CHECK VALVE TESTER		
DWG NO. RBW2620V00251-3G-9	REV B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: SAD
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		APPROVED
FRACTIONS ± 1/32 ANGLES ± 5°		HEAT TREAT FINISH
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SPEC
SCALE 1:2		USED ON MODEL AW139
DATE 10/02/2020	SHEET 6 OF 9	

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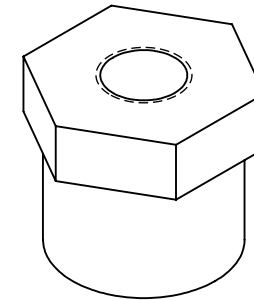
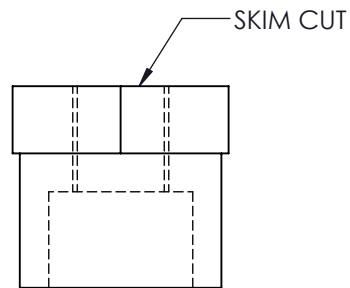
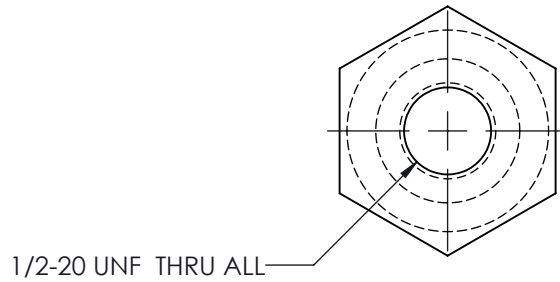
(-11)

CAP

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 RED BARN MACHINE		
TITLE CHECK VALVE TESTER		
DWG NO. RBW2620V00251-3G-11		REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: SAD APPROVED HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW139
SCALE 1:1	DATE 10/02/2020	SHEET 7 OF 9


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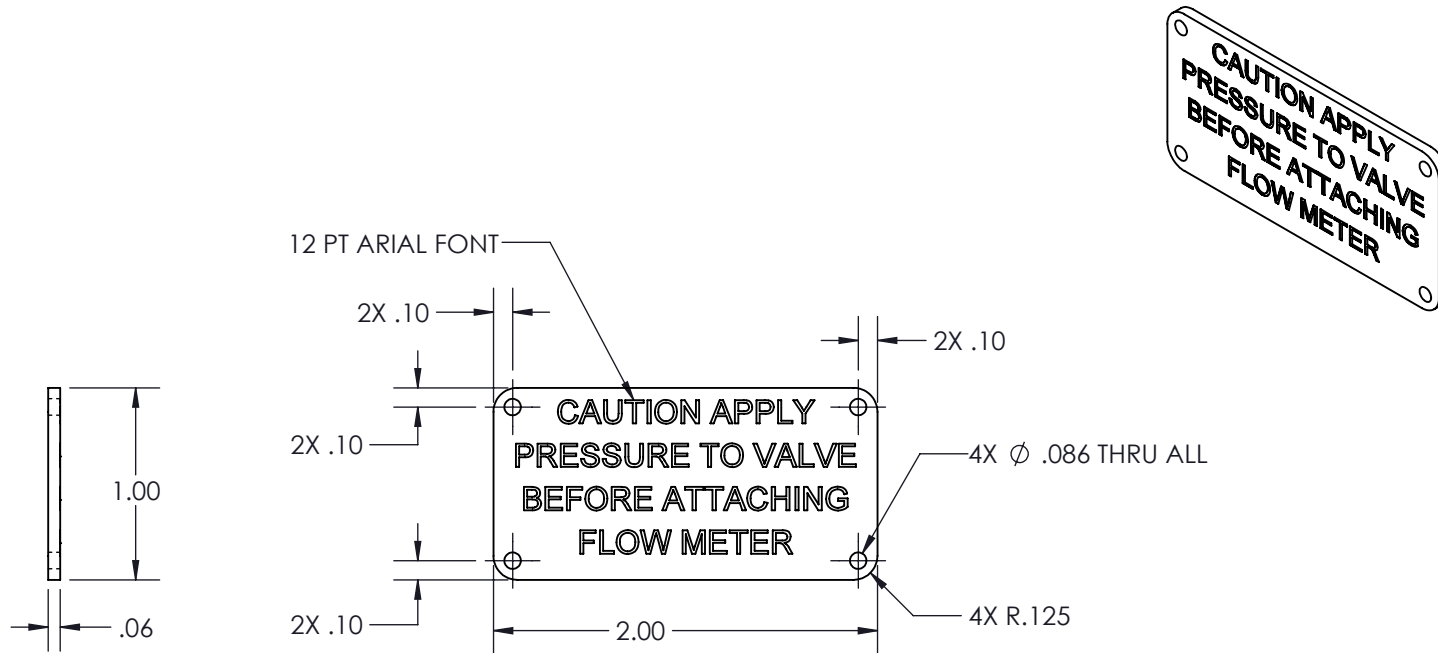
(-15)

PLUG

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 RED BARN MACHINE		
TITLE CHECK VALVE TESTER		
DWG NO. RBW2620V00251-3G-15		REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: SAD APPROVED HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW139
SCALE 1:1	DATE 10/02/2020	SHEET 8 OF 9

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NOTE: BLACK BACKGROUND WITH WHITE LETTERING.

(-39)
I.D. TAG

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-39	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 10/02/2020
SHEET 9 OF 9	